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Sewer inspection chambers with double base



The chamber base with double wall substantially improves resistance to the hydrostatic pressure.

Suitable for areas with groundwater up to 5 m.

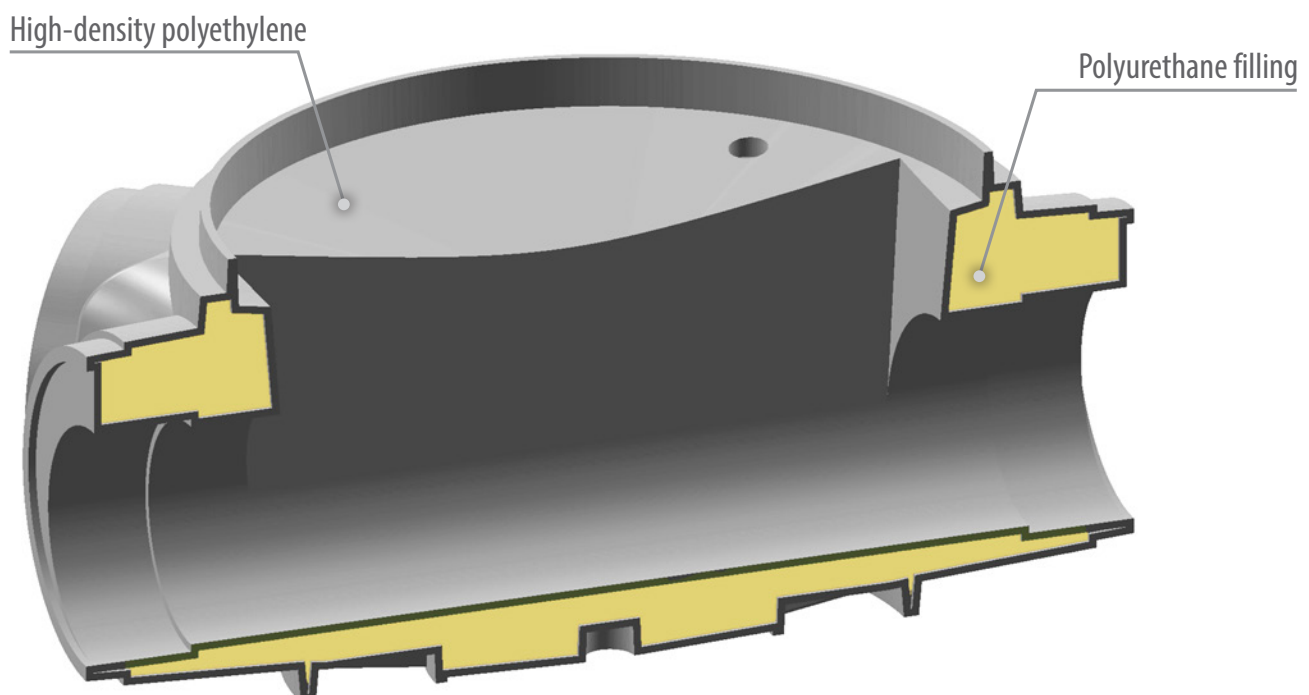


NEW INSPECTION CHAMBERS 5G

Advantages of a double base chamber:

- Chamber base has a **double wall** (outer chamber wall and inner water channel wall).
- The outer wall of the chamber base **prevents the deformation of the chamber water channel**.
- The space between the outer chamber wall and the water channel **can be filled with various fillings**.
- The filling substantially **improves the resistance of the chamber base to the hydrostatic pressure and thus prevents deformations of the chamber water channel**.
- Installation of the chamber is also possible in areas **with high groundwater** (up to 5 m).
- **Great stability** when placing the chamber in the excavation **due to the flat base** of the chamber.
- **Easy backfilling** of the chamber due to **special version of the chamber base**.
- The combination of inlet connections can easily be adapted to the requirements of the project.
- A possibility of making additional connections in the chamber base.
- Chamber water channel is **completely smooth**.
- The body of the inspection chamber can be made of reinforced rotomoulding rings or of PE/PP corrugated pipe.

Cross section of base for model 5G



TECHNICAL INFORMATION:

Inspection chambers 5G DN 625, 800, 1000

Material: High-density polyethylene or polypropylene.

Chamber inner diameter: 625, 800, 1000.

Diameters of sewage pipe connections:

> **Chamber DN 625**

- Standard inlet and outlet connections: \varnothing 160, \varnothing 200, \varnothing 250 or blank connection.

> **Chamber DN 800**

- Standard inlet and outlet connections: \varnothing 200, \varnothing 250, \varnothing 315 or blank connection.

> **Chamber DN 1000**

- Standard inlet and outlet connections: \varnothing 250, \varnothing 315, \varnothing 400 or blank connection.

Option of additional connections on the body of the chamber:

- from \varnothing 63 to \varnothing 200 with inlet gasket, larger diameters are welded.

Minimum height: 0,5 m.

Maximum height: 5,0 m or as requested.

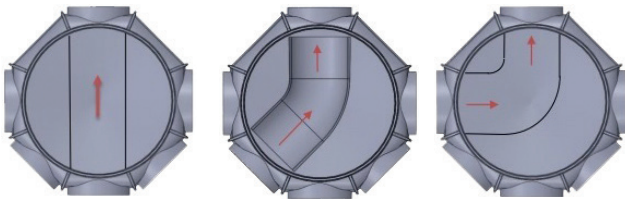
Simple height adjustment.

Guaranteed watertight joints of chamber elements.

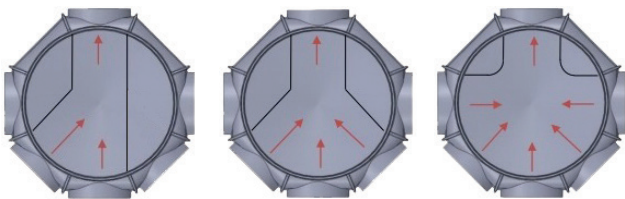
Connecting pipes:

- PVC smooth pipes,
- PE smooth and corrugated pipes,
- PP smooth and corrugated pipes,
- All other sewage pipes (ductile, polyester, AC and RC pipes, etc.).

Basic types of water channels:



Combinations of inlet connections:



2/1

3/1

5/1



Standard inlet-outlet connections to the base of a 5G chamber

		DN 625			DN 800				DN 1000				
Outlet	Inlet	160	200	250	160	200	250	315	160	200	250	315	400
	160		•										
200		•	•		•	•							
250		•	•	•	•	•	•		•	•	•		
300					•	•	•	•	•	•	•	•	
400									•	•	•	•	•



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